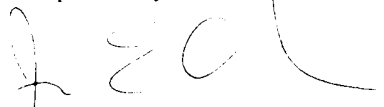


filing. The materials contained on the CD-ROMS accompanying this filing have been amended to correct the formatting of the sequence listing. No new matter is entered by this amendment.

It is not believed that extensions of time are required in conjunction with this filing. However, if extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to our Deposit Account Number 50-1824, referencing docket number 16517.250. Applicants likewise authorize a charge to Deposit Account Number 50-1824 for any other fees related to the present application that are not otherwise provided for in the accompanying documents.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)

June E. Cohan (Reg. No. 43,471)

Date: November 6, 2001

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Marked up version of the amendment pursuant to 37 C.F.R. § 121

Two copies of the sequence listing [(Copy 1 and Copy 2)] (COPY 1 REPLACEMENT 10 31 2001 and COPY 2 REPLACEMENT 10 31 2001) and a computer readable form of the sequence listing (CRF: REPLACEMENT 10 31 2001), all on CD-ROMs, each containing the file named [pa_00348.rpt]pa_00349.txt, which is [21,615,637] 21,836,782 bytes (measured in MS-DOS) and which was created on [April 25, 2001] October 31, 2001, are herein incorporated by reference.